

DEPARTMENT OF THE ARMY PERMIT

Permittee: Florida Department of Transportation-District 5
Attn: Patrick Muench
719 South Woodland Blvd.
DeLand, Florida 34720

SEP 08 2008

Permit No: SAJ-2007-3791 (IP-AWP)

Drainage Design

District Five

Issuing Office: U.S. Army Engineer District, Jacksonville

NOTE: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below.

Project Description: The direct impacts to 12.62 acres of waters of the United States (wetlands) for the widening of 10.2 miles of I-95 from four lanes to six lanes. All roadway widening will occur inside the existing travel lanes. No wetland impacts are expected to occur within the existing travel lanes. The work described above is to be completed in accordance with the 18 pages of drawings and 2 attachments affixed at the end of this permit instrument.

Project Location: The project is located along Interstate 95 (I-95) between State Road (SR) 528 and SR 50, in Sections 5-9, 16, 21, 22, 27, 28, 33, and 34, Township 23 South, Range 35 East and Sections 19, 30, and 31, Township 22 South, Range 35 East, Brevard County, Florida. The project as proposed will impact unnamed wetlands hydrologically connected to the St. Johns River.

LATITUDE & LONGITUDE: Latitude 28.4063 North
Longitude 80.8206 West

Directions to site: From the intersection of SR 528 and I-95 proceed north on I-95.

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Permit Conditions

General Conditions:

1. The time limit for completing the work authorized ends on **September 10, 2013**. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and State coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
4. If you sell the property associated with this permit, you must obtain the signature and the mailing address of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.
6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to

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ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

Special Conditions:

1. All reports, documentation and correspondence required by the conditions of this permit shall be submitted to the following address: U.S. Army Corps of Engineers, Regulatory Division, Enforcement Section, P.O. Box 4970, Jacksonville, FL 32232. The Permittee shall reference this permit number, SAJ-2007-3791(IP-AWP), on all submittals.

2. Within 10 days from the date of initiating the authorized work, the Permittee shall provide to the Corps a written notification of the date of commencement of work authorized by this permit.

3. Prior to the initiation of any work authorized by this permit, the Permittee shall install erosion control measures along the perimeter of all work areas to prevent the displacement of fill material. Immediately after completion of the final grading of the land surface, all slopes, land surfaces, and filled areas adjacent to wetlands shall be stabilized using sod, degradable mats, or a combination of similar stabilizing materials to prevent erosion. The erosion control measures shall remain in place and be maintained until all authorized work has been completed and the site has been stabilized.

4. Within 60 days of completion of the authorized work or at the expiration of the construction window of this permit, whichever occurs first, the Permittee shall submit as-built drawings of the authorized work and a completed As-Built Certification Form (Attachment 3) to the Corps. The drawings shall be signed and sealed by a registered professional engineer and include the following:

a. A plan view drawing of the location of the authorized work footprint (as shown on the permit drawings) with an overlay of the work as constructed in the same scale as the attached permit drawings (8½-inch by 11-inch). The drawing should show all "earth disturbance," including wetland impacts, water management structures, and any on-site mitigation areas.

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b. List any deviations between the work authorized by this permit and the work as constructed. In the event that the completed work deviates, in any manner, from the authorized work, describe on the As-Built Certification Form the deviations between the work authorized by this permit and the work as constructed. Clearly indicate on the as-built drawings any deviations that have been listed. Please note that the depiction and/or description of any deviations on the drawings and/or As-Built Certification Form does not constitute approval of any deviations by the U.S. Army Corps of Engineers.

c. The Department of the Army Permit number.

d. Include pre- and post-construction aerial photographs of the project site, if available.

5. The Permittee shall use only clean fill material for this project. The fill material shall be free from items such as trash, debris, automotive parts, asphalt, construction materials, concrete block with exposed reinforcement bars, and soils contaminated with any toxic substance, in toxic amounts in accordance with Section 307 of the Clean Water Act.

6. In accordance with the Memorandum of Understanding between the St. Johns River Water Management District (SJRWMD) and the United States Army Corps of Engineers, Jacksonville District signed October 16, 2007 and October 9, 2007 respectively, the SJRWMD shall submit an annual status report and five year update of the mitigation described above. The report shall ensure 10.0 functional units have been replaced by the proposed mitigation. Mitigation has been identified in the 2005 SJRWMD Senate Bill Mitigation Plan #4055062 defined in Mitigation Project Group SJ 48.

7. The Permittee agrees to purchase a minimum of 10.0 federal credits from a federally approved mitigation bank whose service area covers St. Johns River Water Management District (SJRWMD) Basin 18. This compensatory mitigation will off-set impacts which occur within SJRWMD Basin 18, as defined within the 2006 FDOT Mitigation Plan.

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Further Information:

1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:

() Section 10 of the Rivers and Harbors Act of 1899
(33 U.S.C. 403).

(X) Section 404 of the Clean Water Act (33 U.S.C. 1344).

() Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413).

2. Limits of this authorization.

a. This permit does not obviate the need to obtain other Federal, State, or local authorizations required by law.

b. This permit does not grant any property rights or exclusive privileges.

c. This permit does not authorize any injury to the property or rights of others.

d. This permit does not authorize interference with any existing or proposed Federal projects.

3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:

a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.

b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.

c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.

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d. Design or construction deficiencies associated with the permitted work.

e. Damage claims associated with any future modification, suspension, or revocation of this permit.

4. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.

5. Reevaluation of Permit Decision: This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:

a. You fail to comply with the terms and conditions of this permit.

b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (see 4 above).

c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. Extensions: General Condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a

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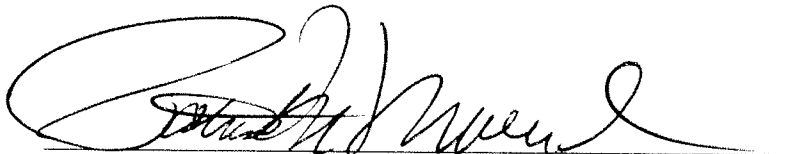
prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.

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Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.


(PERMITTEE)

9/8/09
(DATE)

Patrick M. Muench
(PERMITTEE NAME-PRINTED)

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.


(DISTRICT ENGINEER)
for Paul L. Grosskruger
Colonel, U.S. Army
District Commander

9/11/2008
(DATE)

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When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

(TRANSFEREE-SIGNATURE)

(DATE)

(NAME-PRINTED)

(ADDRESS)

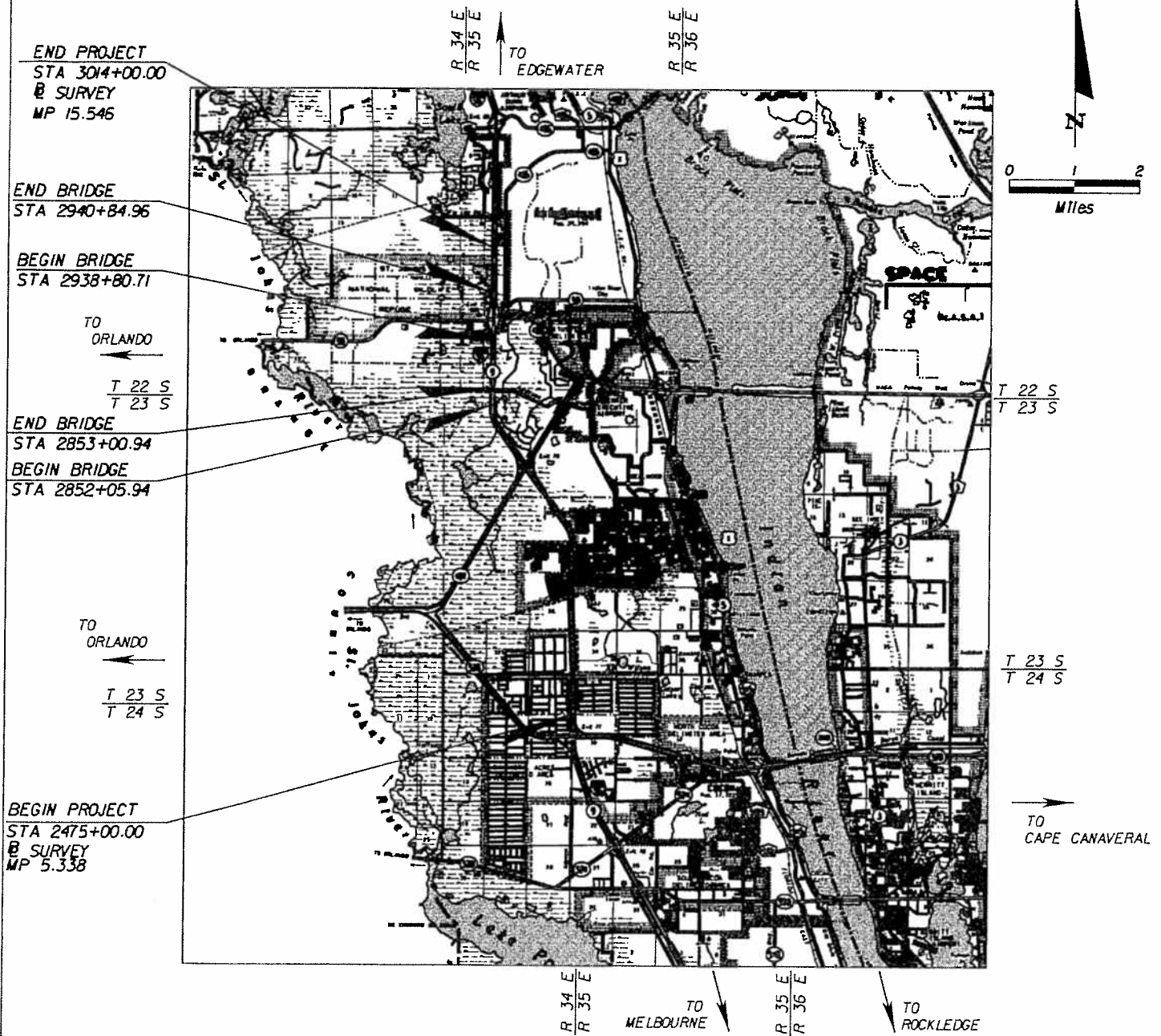
(CITY, STATE, AND ZIP CODE)

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***Attachments to Department of the Army
Permit Number SAJ-2007-3791(IP-AWP)***

1. PERMIT DRAWINGS: 18 pages
2. WATER QUALITY CERTIFICATION: Specific Conditions of the water quality permit/certification in accordance with General Condition number 5 on page 3 of this DA permit. 5 pages.
3. AS-BUILT CERTIFICATION BY PROFESSIONAL ENGINEER: 1 page

LOCATION MAP
PROJECT ID: 405506-1
STATE ROAD NO. 9 (I-95)



INDEX OF PLANS

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17-18	CROSS SECTIONS

U.S. Army Corps of Engineers
 Permit # 545-102-3791
 Date: 8/5/08
 Attachment: 1

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JACKSONVILLE DISTRICT
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METRIC ENGINEERING, INC.
 2269 LEE ROAD, SUITE 200
 WINTER PARK, FLORIDA 32789
 TEL. (407) 644-1898
 FAX. (407) 644-1921
 FLORIDA CERT. NO. EB-0002294

- ENGINEERS
- PLANNERS
- SURVEYORS

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

Signed: Chandra Raman, P.E.
 DATE _____

GENERAL NOTES

1. STRICT ADHERENCE TO SECTION 104 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION WILL BE USED IN CONJUNCTION WITH THIS APPLICATION TO PROVIDE REASONABLE ASSURANCE THAT WATER QUALITY STANDARDS WILL NOT BE VIOLATED. SILT FENCES, HAY BALES AND TURBIDITY BARRIERS WILL BE USED AS REQUIRED.
2. TYPES OF EQUIPMENT INVOLVED IN THE CONSTRUCTION WILL INCLUDE: GRADEALL, DUMP TRUCKS, BULLDOZER, PUMPS, AND FRONT END LOADERS AS WELL AS MILLING AND RESURFACING EQUIPMENT. THE EQUIPMENT WILL BE TRUCKED OR SELF PROPELLED TO THE SITE.
3. TURBIDITY CURTAINS, SILT FENCES, SAND BAGS, HAY BALES OR SOME COMBINATION OF THESE ITEMS WILL BE USED AS DIRECTED BY THE PROJECT ENGINEER TO MAINTAIN STATE WATER QUALITY STANDARDS.
4. EXCAVATED MATERIAL THAT IS SUITABLE WILL BE USED IN CONSTRUCTION OF THE ROADWAY EMBANKMENT AND SHOULDERS. UNSUITABLE MATERIAL WILL BE DISPOSED OF AND CONTAINED IN UPLAND SITES PROVIDED BY THE CONTRACTOR.
5. FILL MATERIAL SHALL BE OF SATISFACTORY MATERIAL THAT IS CLEAN AND COMPACTIBLE INTO A SUITABLE AND ENDURING ROADWAY.
6. DURING THE CONSTRUCTION OR EXTENSION OF MULTIPLE OPENING STRUCTURES, THE CONTRACTOR, AS DIRECTED BY THE PROJECT ENGINEER, SHALL BE REQUIRED TO PHASE CONSTRUCT DRAINAGE STRUCTURES IN ORDER TO MAINTAIN ADEQUATE WATER FLOW.
7. ALL ELEVATION SHOWN IN THIS PERMIT APPLICATION ARE REFERENCED TO U.S.G.S. NATIONAL VERTICAL DATUM OF 1988
8. THE FOLLOWING AREAS OF IMPACT ARE REQUIRED FOR THE PROJECT.

PROJECT: S.R. 9
(INTERSTATE-95)
F.P.N. 4055062

SECTION 5, 8, 9, 16, 22, 21, 27, 28, 33, AND 34, TOWNSHIP 23 S, RANGE 35 E
SECTION 19, 30, AND 31, TOWNSHIP 22 S, RANGE 35E

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GENERAL NOTES
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2268 LEE ROAD- SUITE 200
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

Signed: Chandra Roman, P.E.
DATE _____
REG. FLA. ENG. NO. 58740

JURISDICTIONAL AREA	DIRECT WETLAND IMPACT AREA (AC)	SECONDARY IMPACT AREA (AC)	ISOLATED WETLAND (Y/N)
WETLAND W1	NO IMPACT	-	N
WETLAND W2	NO IMPACT	-	N
WETLAND W3	NO IMPACT	-	N
WETLAND W5	NO IMPACT	-	N
WETLAND W11	0.29	0.16	Y
WETLAND W11A	0.19	-	Y
WETLAND W14	6.04	0.95	Y
WETLAND W15	NO IMPACT	-	N
WETLAND W16	5.82	0.64	N
TOTAL	12.34	1.75	-

OTHER SURFACE WATERS		
JURISDICTIONAL AREA	DIRECT IMPACT AREA (AC)	SECONDARY IMPACT AREA (AC)
SW3	NO IMPACT	NO IMPACT
ADDISON CANAL	0.28	0.05
TOTAL	0.28	0.05

PROJECT: S.R. 9
(INTERSTATE-95)
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SECTION 5, 8, 9, 16, 22, 21, 27, 28, 33, AND 34, TOWNSHIP 23 S, RANGE 35 E
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PURPOSE: OTHER SURFACE WATERS

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FLORIDA CERT. NO. EB-0002294

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Signed: Chandra Roman, P.E.

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MISSISSIPPI

Q SURVEY S.R. 9 (I-95)

OTHER WATERS-SW3
NO IMPACT

WETLAND-W1
NO IMPACT

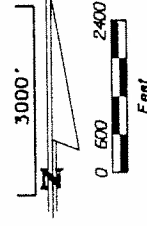
WETLAND-W2
NO IMPACT

WETLAND-W3
NO IMPACT

WETLAND-W5
NO IMPACT

WETLAND-W11
0.48 AC

BEGIN PROJECT
STA. 2475+00.00



PROJECT: S.R. 9
(INTERSTATE-95)
F.P.N. 4055062

PURPOSE: LOCATION MAP
PLAN SHEET LAYOUT
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COUNTY OF BREVARD
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METRIC ENGINEERING, INC.
2289 LEE ROAD, SUITE 203
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TEL (407) 844-1868
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Signed: Chandra Ramon, P.E.

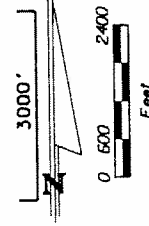
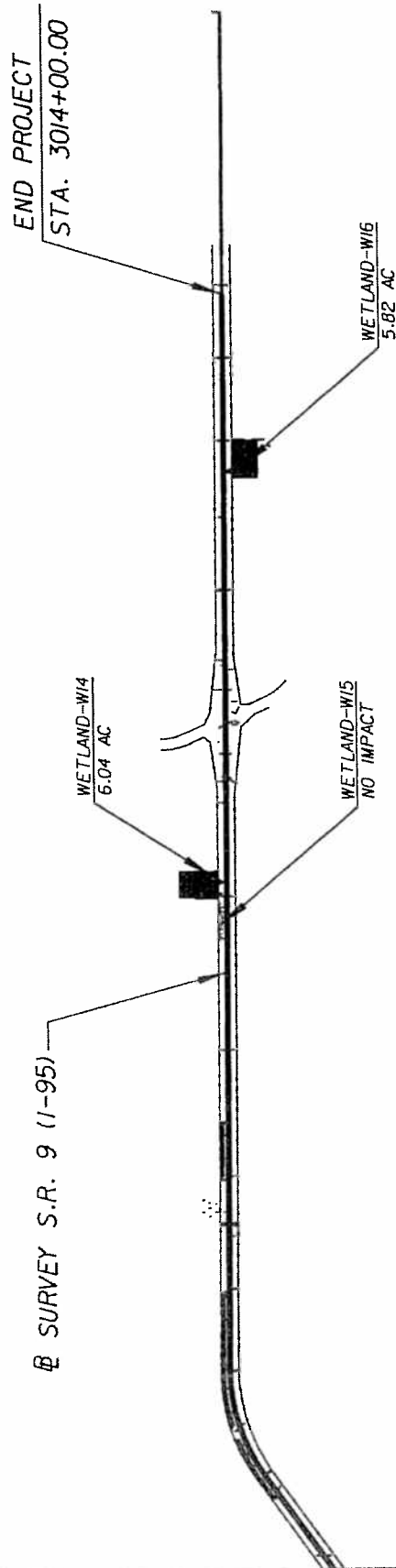
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(INTERSTATE-95)
F.P.N. 4055062
PURPOSE: LOCATION MAP
PLAN SHEET LAYOUT
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SECTION 5, 8, 9, 16, 22, 21, 27, 28, 33, AND 34, TOWNSHIP 23 S, RANGE 35 E
SECTION 19, 30, AND 31, TOWNSHIP 22 S, RANGE 35E

COUNTY OF BREVARD
STATE OF FLORIDA

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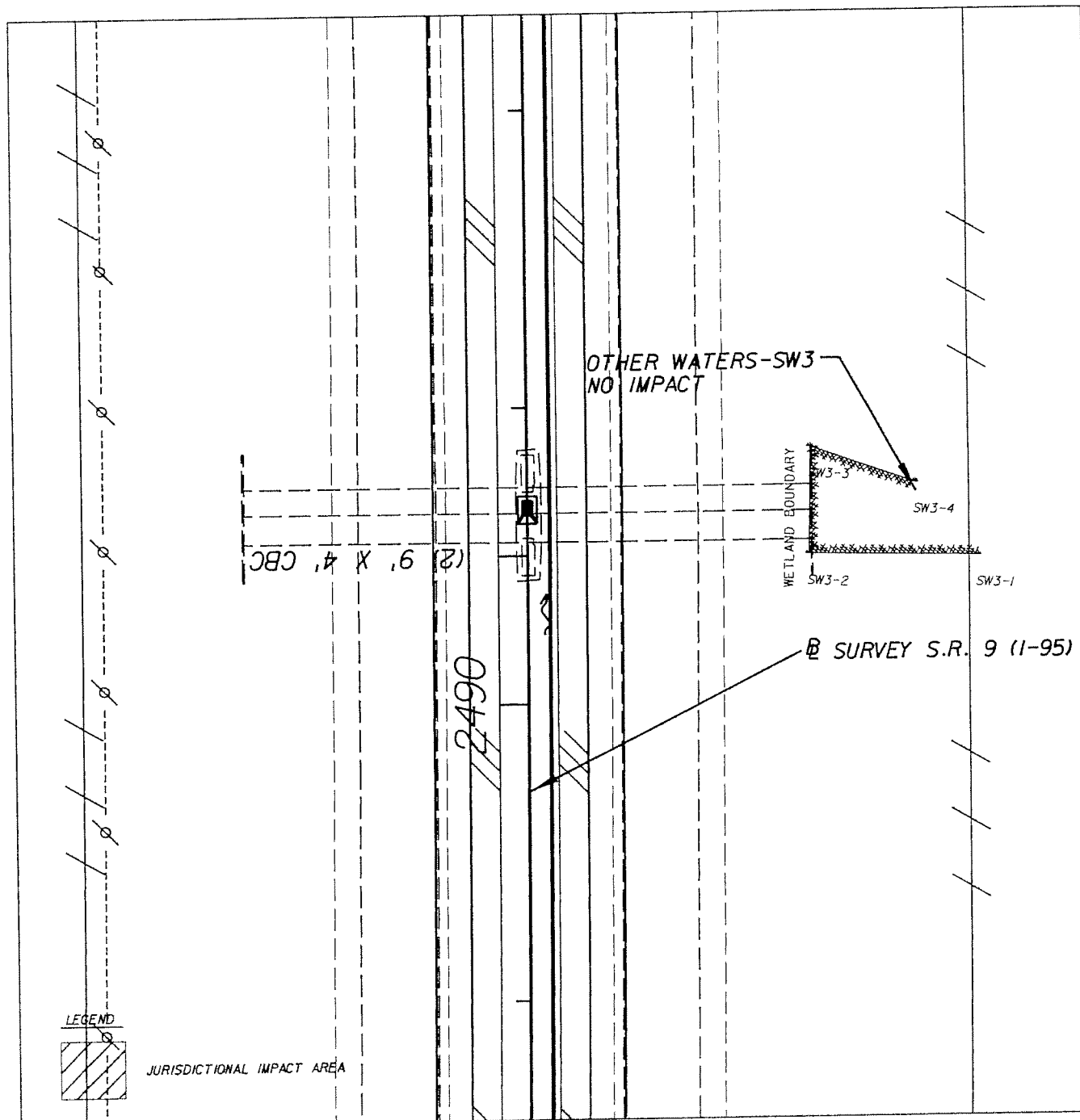
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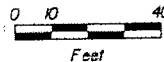
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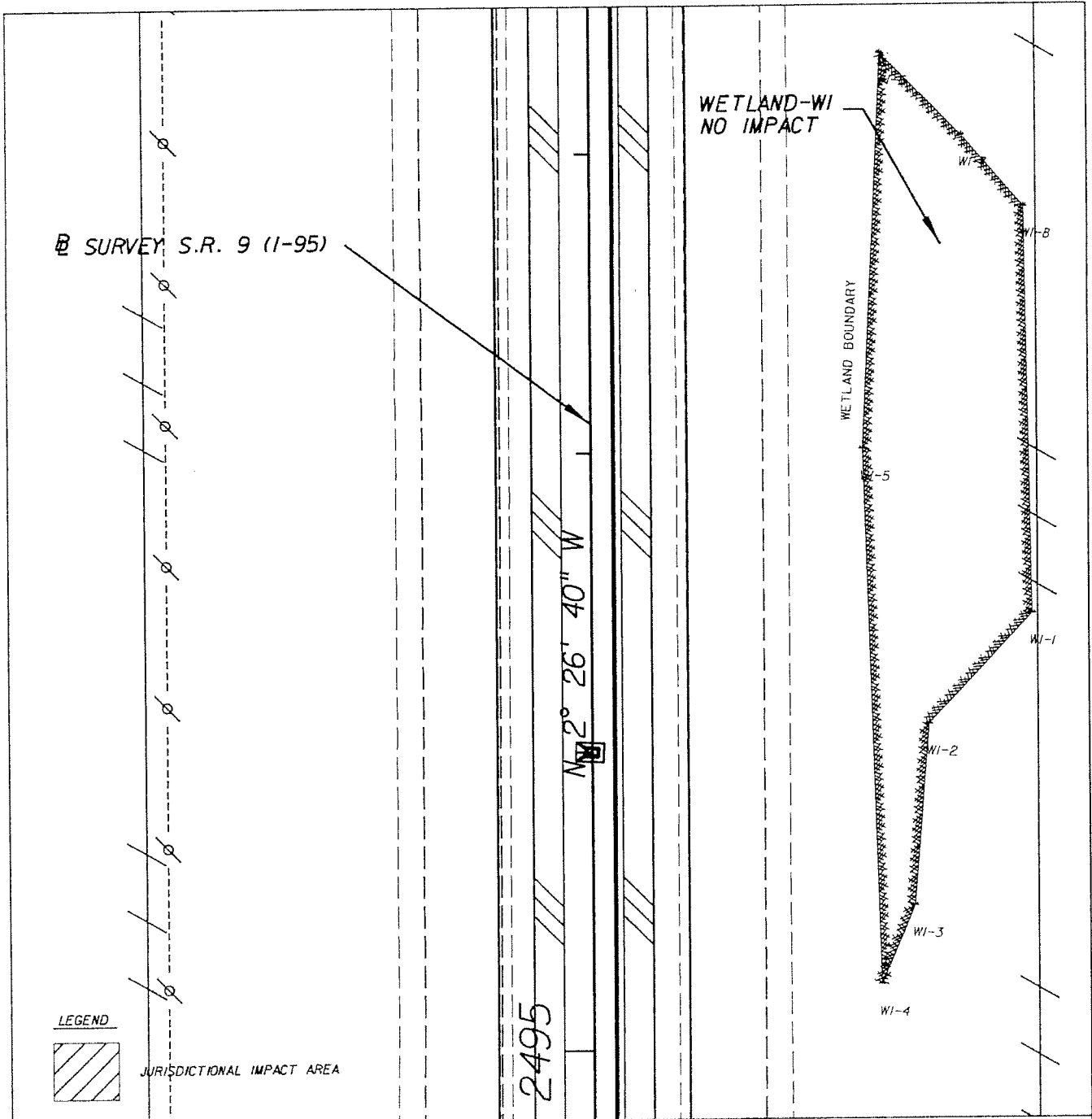
METRIC ENGINEERING, INC.
2269 LEE ROAD, SUITE 200
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FLORIDA CERT. NO. EB-0002294

**STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
DREDGE/FILL DETAILS
WETLAND IMPACTS**

Signed: Chandra Roman, P.E.

DATE

REG. FLA. ENG. NO. 58740



PROJECT: S.R. 9
(INTERSTATE-95)
F.P.N. 4055062

SECTION 5, 8, 9, 16, 22, 21, 27, 28, 33, AND 34, TOWNSHIP 23 S, RANGE 35 E
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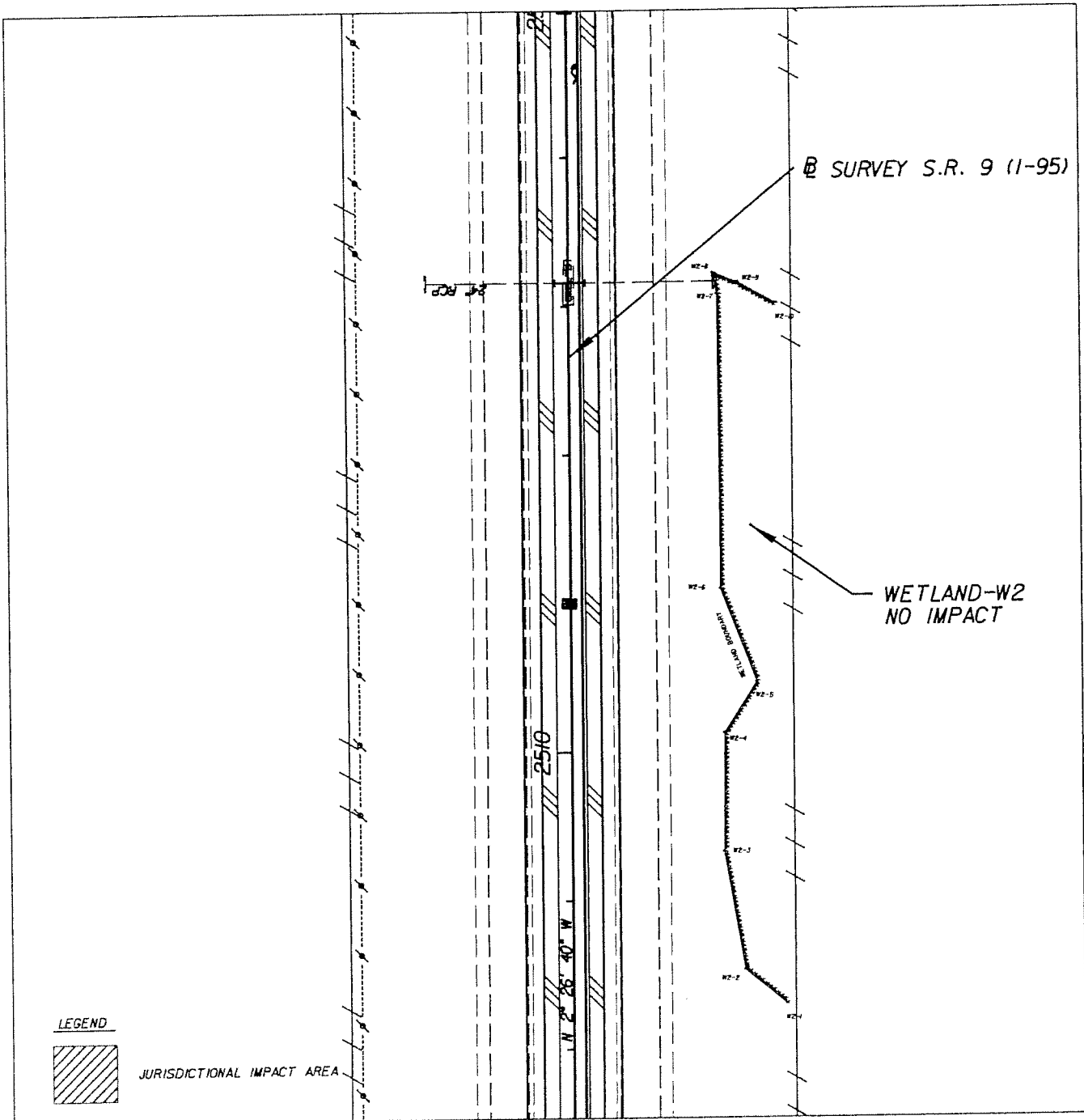
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DREDGE/FILL DETAILS
WETLAND IMPACTS

ORLANDO DISTRICT
USAGE

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REG. FLA. ENG. NO. 58740



LEGEND



JURISDICTIONAL IMPACT AREA

PROJECT: S.R. 9
(INTERSTATE-95)
F.P.N. 4055062

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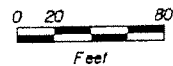
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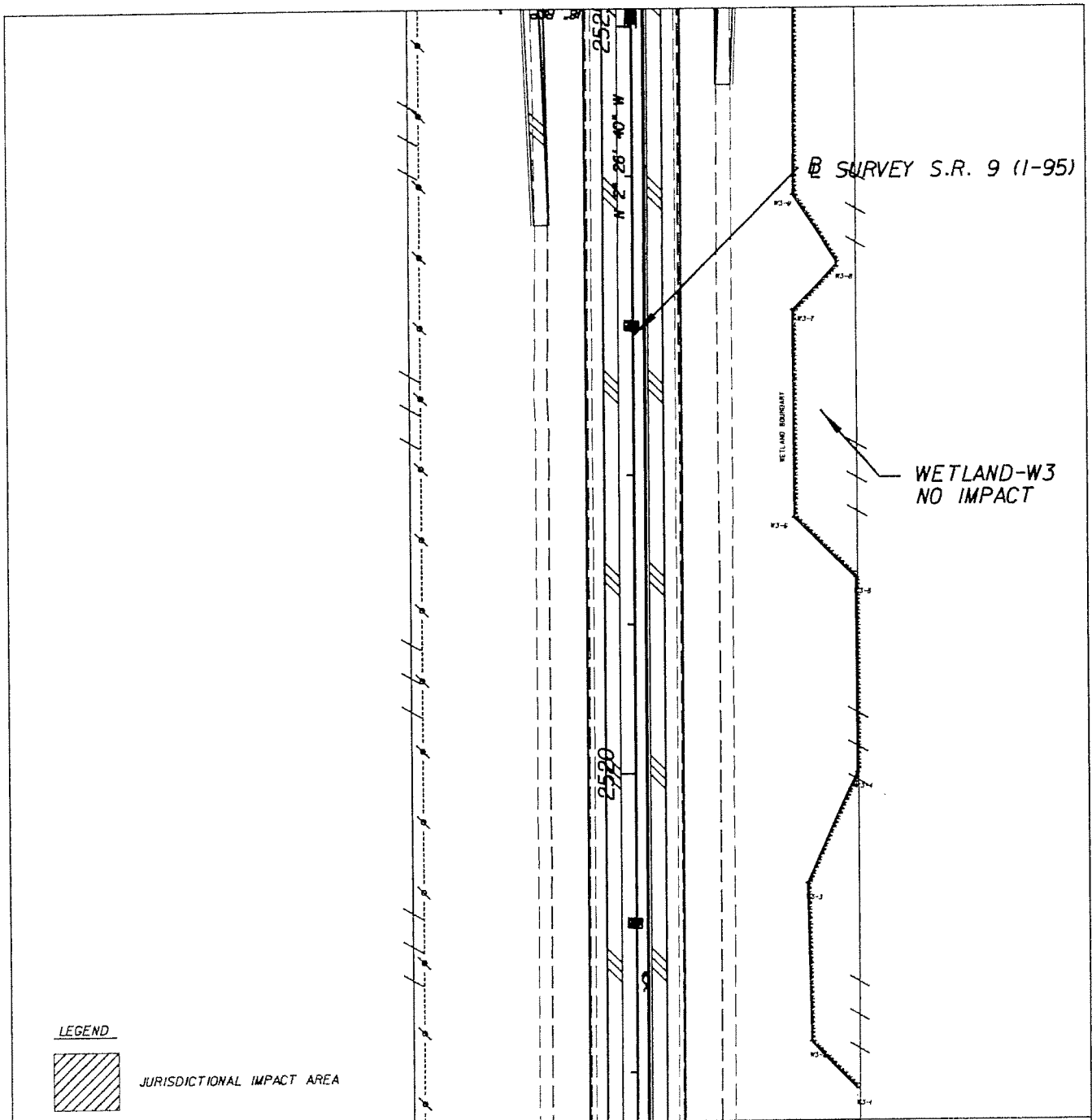
**STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION**

**DREDGE/FILL DETAILS
WETLAND IMPACTS**

Signed: Chandra Roman, P.E.

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(INTERSTATE-95)
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SECTION 5, 8, 9, 16, 22, 21, 27, 28, 33, AND 34, TOWNSHIP 23 S, RANGE 35 E
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COUNTY OF BREVARD
STATE OF FLORIDA

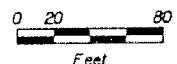
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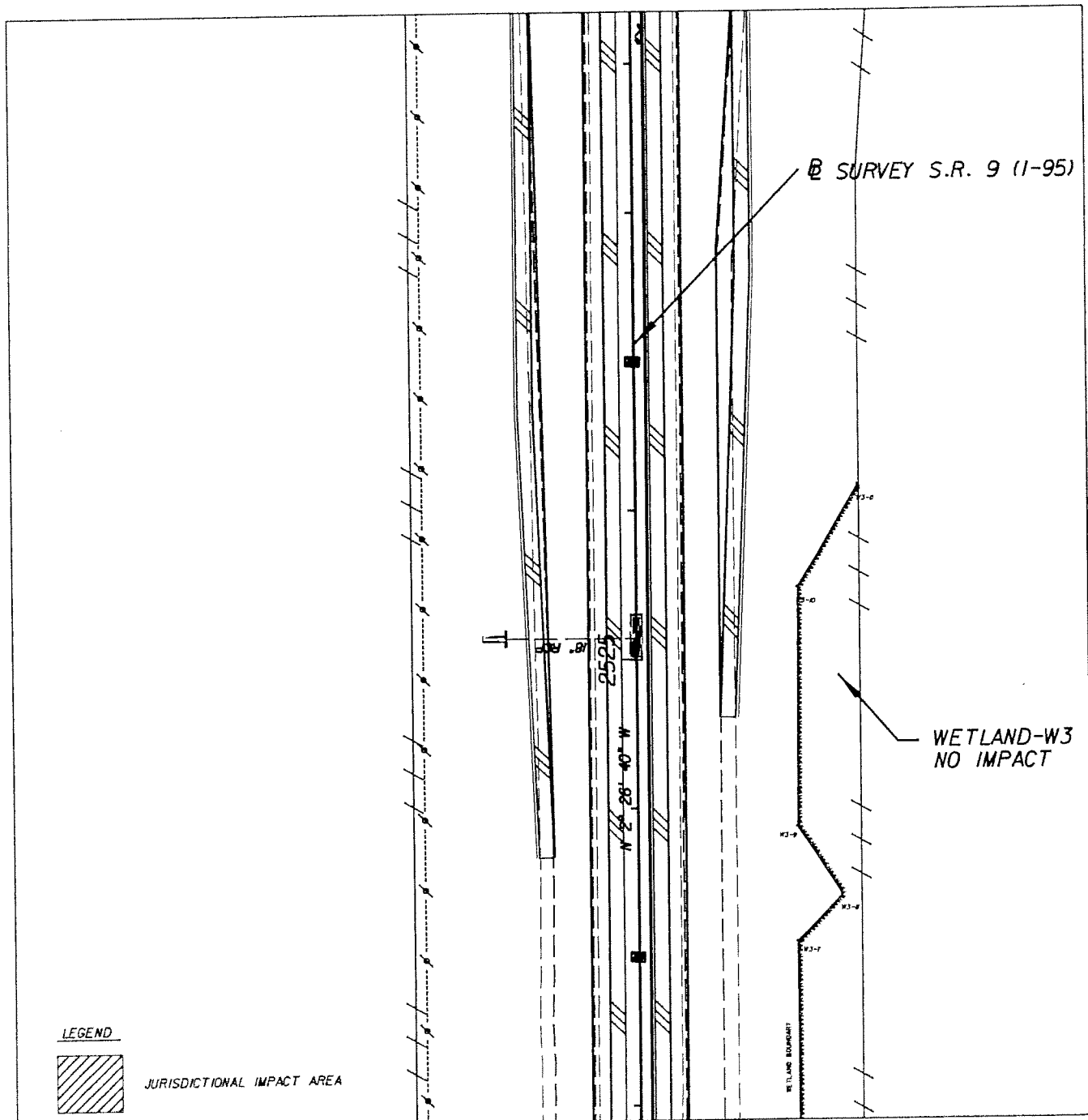
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TEL (407) 644-1898
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
DREDGE/FILL DETAILS
WETLAND IMPACTS

Signed: Chandra Roman, P.E.

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(INTERSTATE-95)
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SECTION 5, 8, 9, 16, 22, 21, 27, 28, 33, AND 34, TOWNSHIP 23 S, RANGE 35 E
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FAX. (407) 644-1921
FLORIDA CERT. NO. EB-0002294

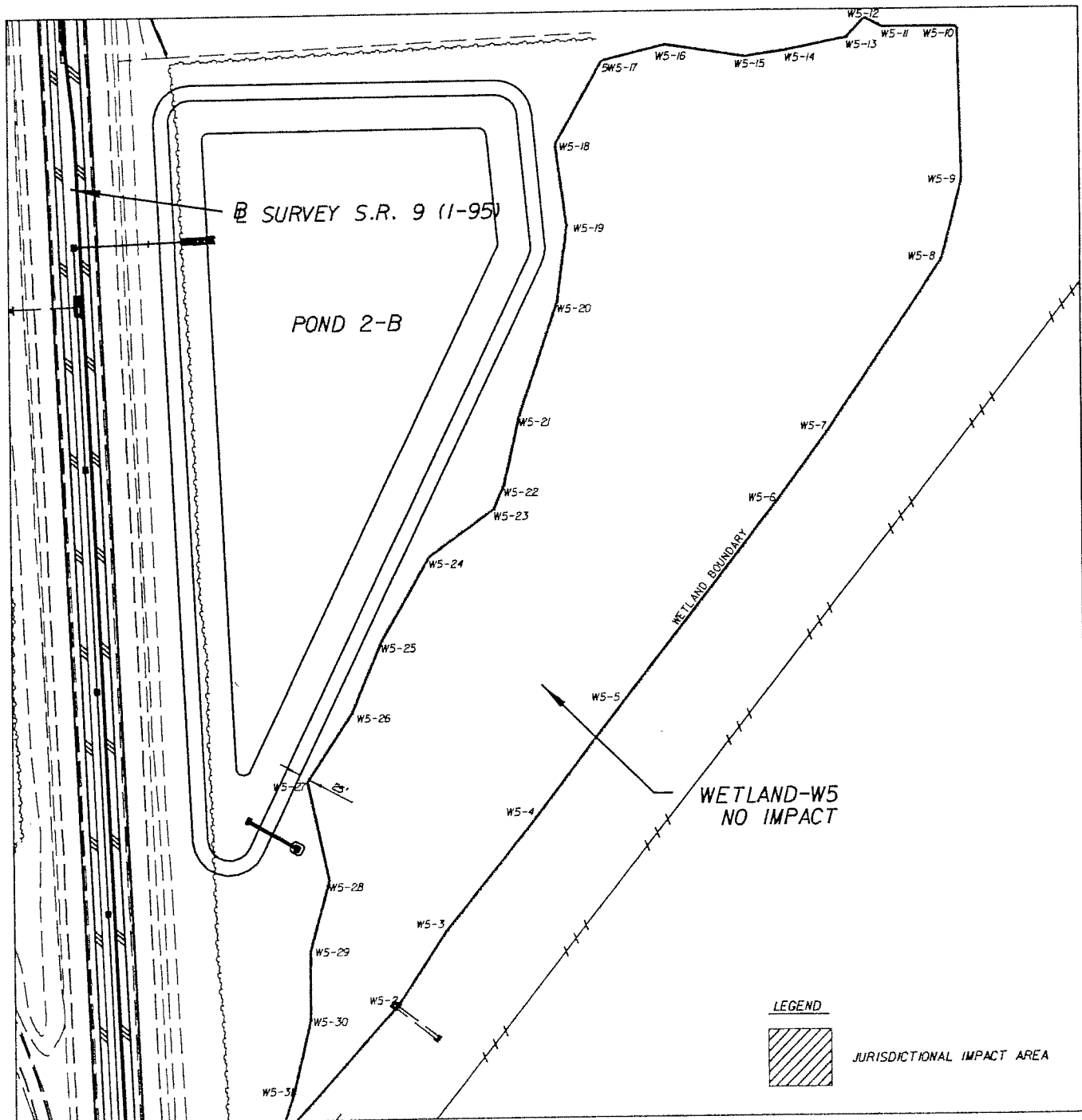
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

DREDGE/FILL DETAILS
WETLAND IMPACTS

Signed: Chandra Roman, P.E.

DATE

REG. FLA. ENG. NO. 58740



PROJECT: S.R. 9
(INTERSTATE-95)
F.P.N. 4055062

SECTION 5, 8, 9, 16, 22, 21, 27, 28, 33, AND 34, TOWNSHIP 23 S, RANGE 35 E
SECTION 19, 30, AND 31, TOWNSHIP 22 S, RANGE 35E

COUNTY OF BREVARD
STATE OF FLORIDA

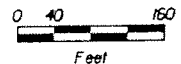
PLAN SHEET
SHEET 11 OF 19

DATUM: NAVD '88

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JACKSONVILLE DISTRICT
USACE



- ENGINEERS
- PLANNERS
- SURVEYORS

METRIC ENGINEERING, INC.
2260 LEE ROAD, SUITE 200
WINTER PARK, FLORIDA 32789
TEL. (407) 544-1898
FAX. (407) 544-1921
FLORIDA CERT. NO. EB-0002294

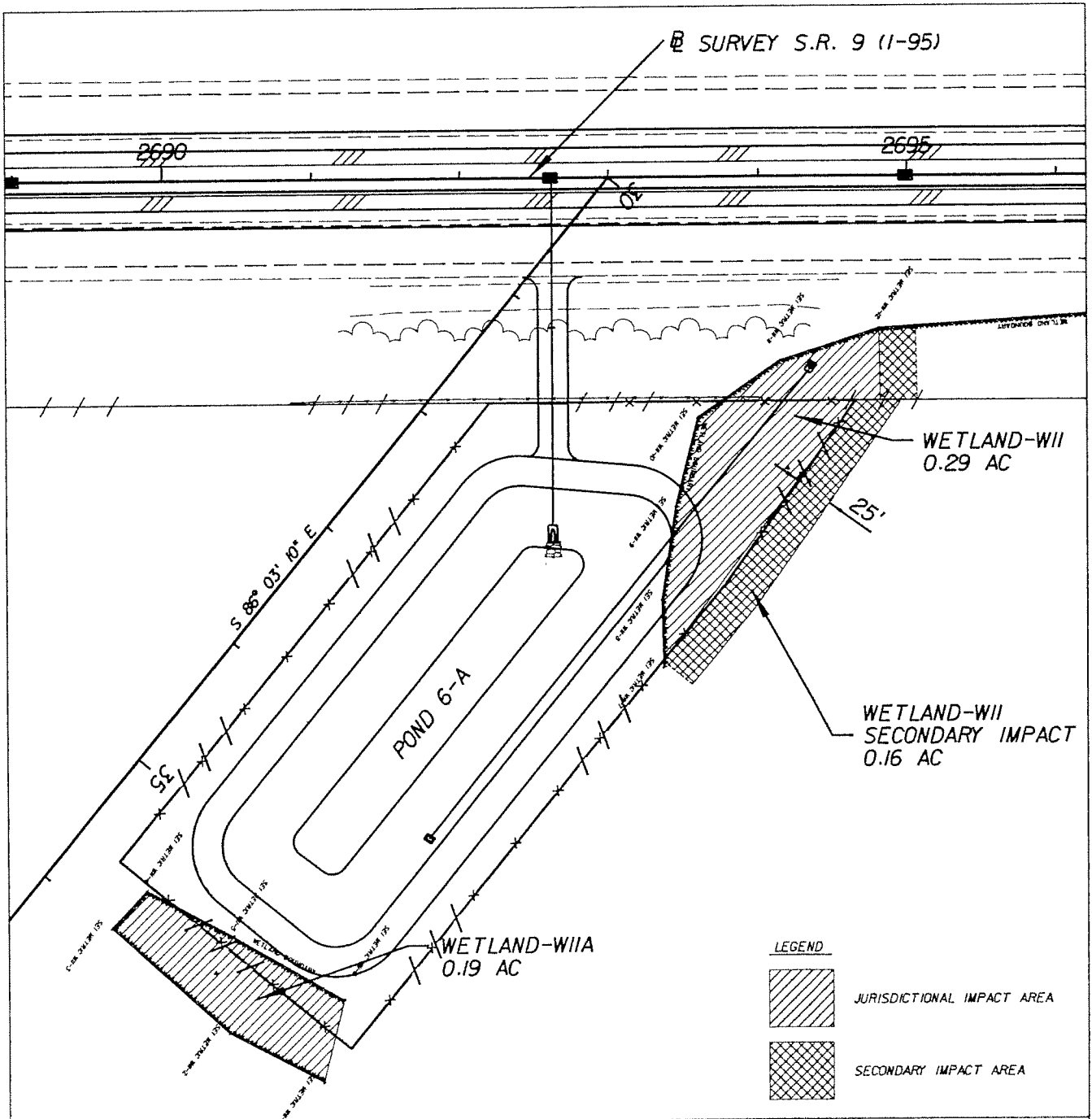
**STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION**

**DREDGE/FILL DETAILS
WETLAND IMPACTS**

Signed: Chandra Raman, P.E.

DATE _____

REG. FLA. ENG. NO. 58740



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(INTERSTATE-95)
F.P.N. 4055062

SECTION 5, 8, 9, 16, 22, 21, 27, 28, 33, AND 34, TOWNSHIP 23 S, RANGE 35 E
SECTION 19, 30, AND 31, TOWNSHIP 22 S, RANGE 35 E

COUNTY OF BREVARD
STATE OF FLORIDA

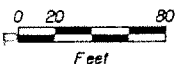
DATUM: NAVD '88

PLAN SHEET
SHEET 12 OF 19

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JACKSONVILLE DISTRICT



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METRIC ENGINEERING, INC.
2269 LEE ROAD, SUITE 200
WINTER PARK, FLORIDA 32789
TEL. (407) 644-1898
FAX. (407) 644-1921
FLORIDA CERT. NO. EB-0002294

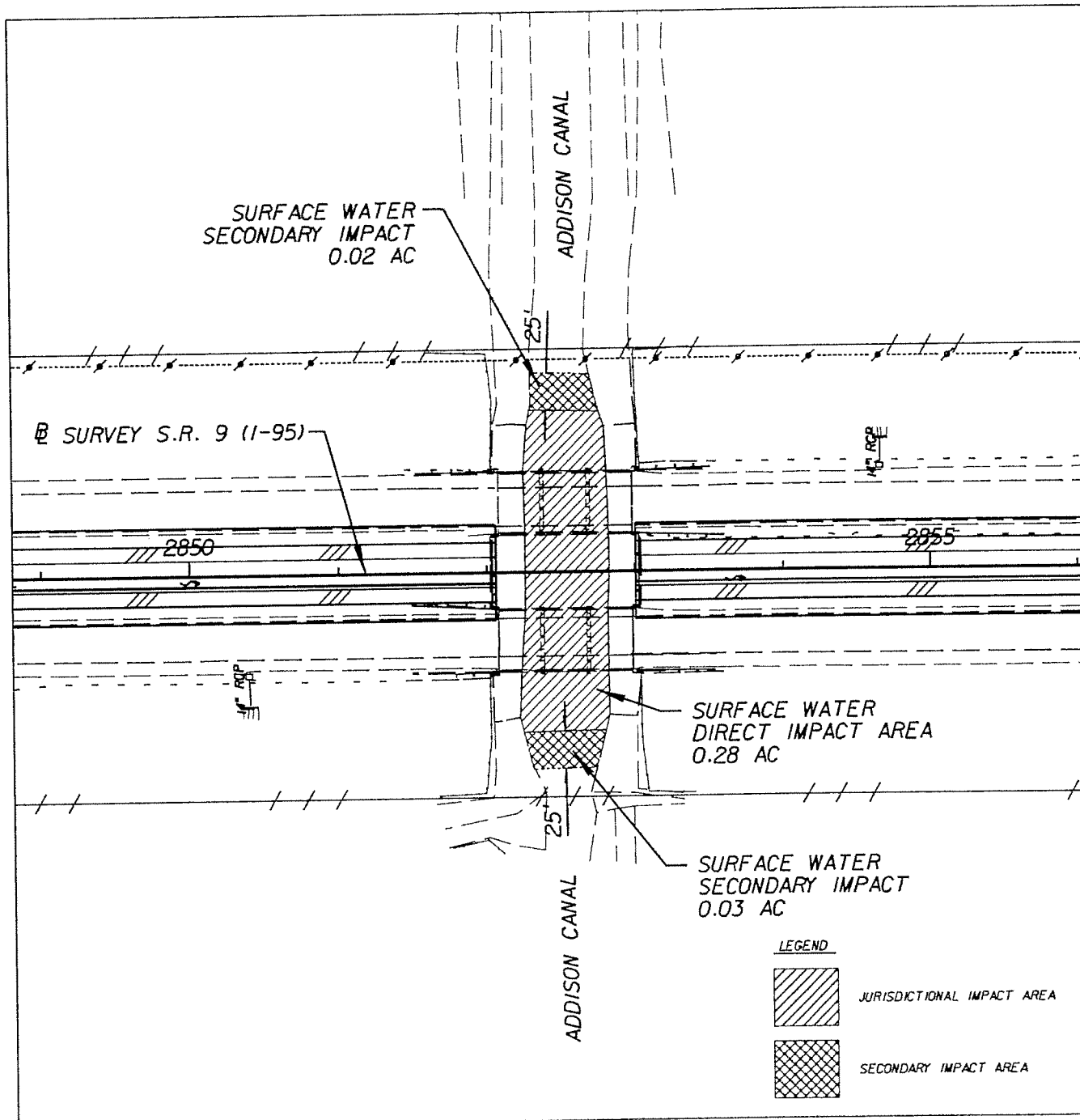
**STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION**

**DREDGE/FILL DETAILS
WETLAND IMPACTS**

Signed: Chandra Raman, P.E.

DATE _____

REG. FLA. ENG. NO. 58740



PROJECT: S.R. 9
(INTERSTATE -95)
F.P.N. 4055062

SECTION 5, 8, 9, 16, 22, 21, 27, 28, 33, AND 34, TOWNSHIP 23 S, RANGE 35 E
SECTION 19, 30, AND 31, TOWNSHIP 22 S, RANGE 35E

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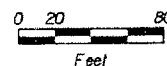
COUNTY OF BREVARD
STATE OF FLORIDA

DEC 01 2007

DATUM: NAVD '88

PLAN SHEET
SHEET 13 OF 19

JACKSONVILLE DISTRICT



• ENGINEERS
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METRIC ENGINEERING, INC.
2269 LEE ROAD, SUITE 200
WINTER PARK, FLORIDA 32789
TEL (407) 644-1898
FAX (407) 644-1921
FLORIDA CERT. NO. EB-0002294

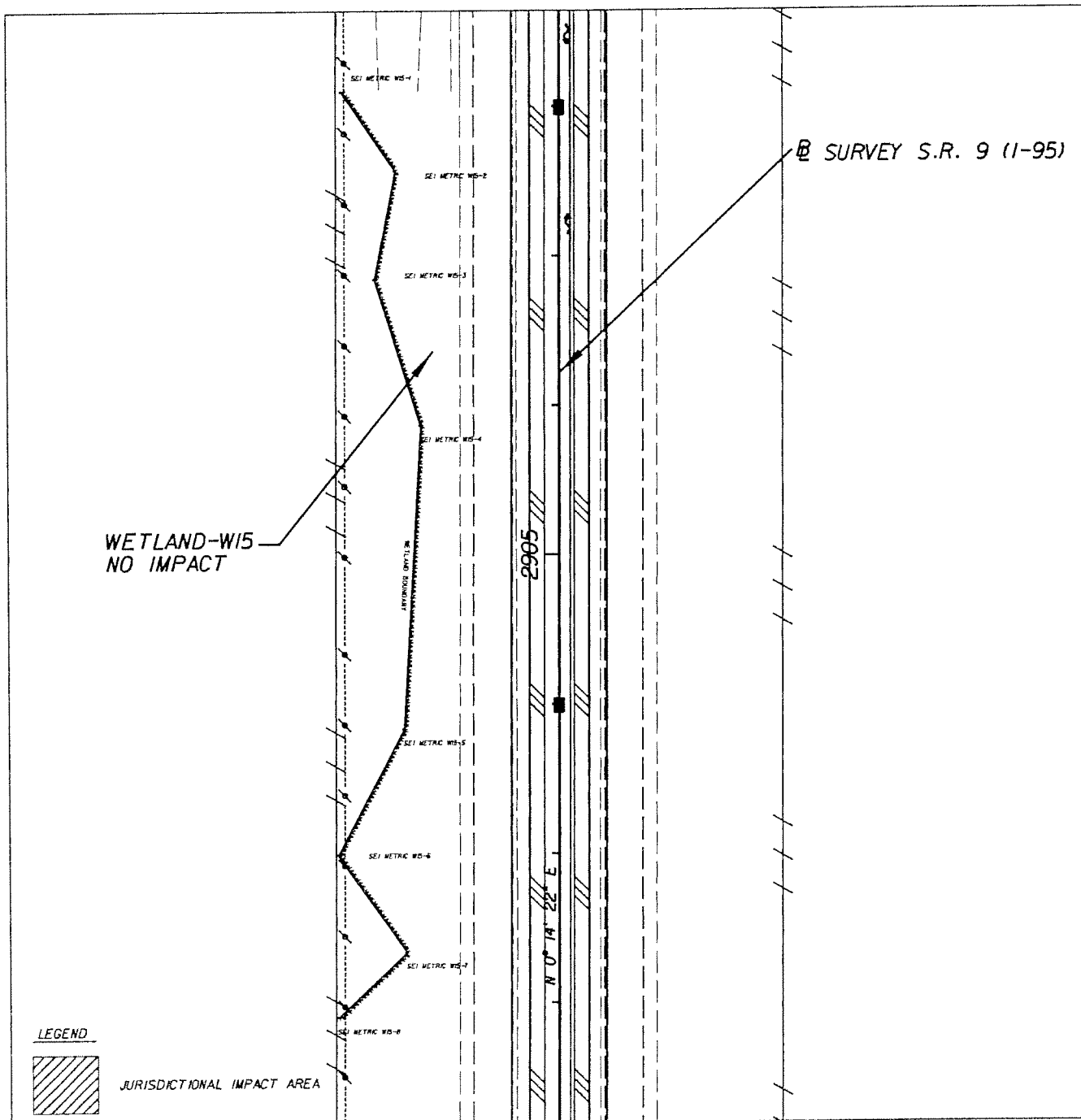
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

**DREDGE/FILL DETAILS
WETLAND IMPACTS**

Signed: Chandra Roman, P.E.

DATE _____

REG. FLA. ENG. NO. 58740



PROJECT: S.R. 9
(INTERSTATE-95)
F.P.N. 4055062

SECTION 5, 8, 9, 16, 22, 21, 27, 28, 33, AND 34, TOWNSHIP 23 S, RANGE 35 E
SECTION 19, 30, AND 31, TOWNSHIP 22 S, RANGE 35 E

COUNTY OF BREVARD
STATE OF FLORIDA

DATUM: NAVD '88

PLAN SHEET
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JACKSONVILLE DISTRICT
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• ENGINEERS
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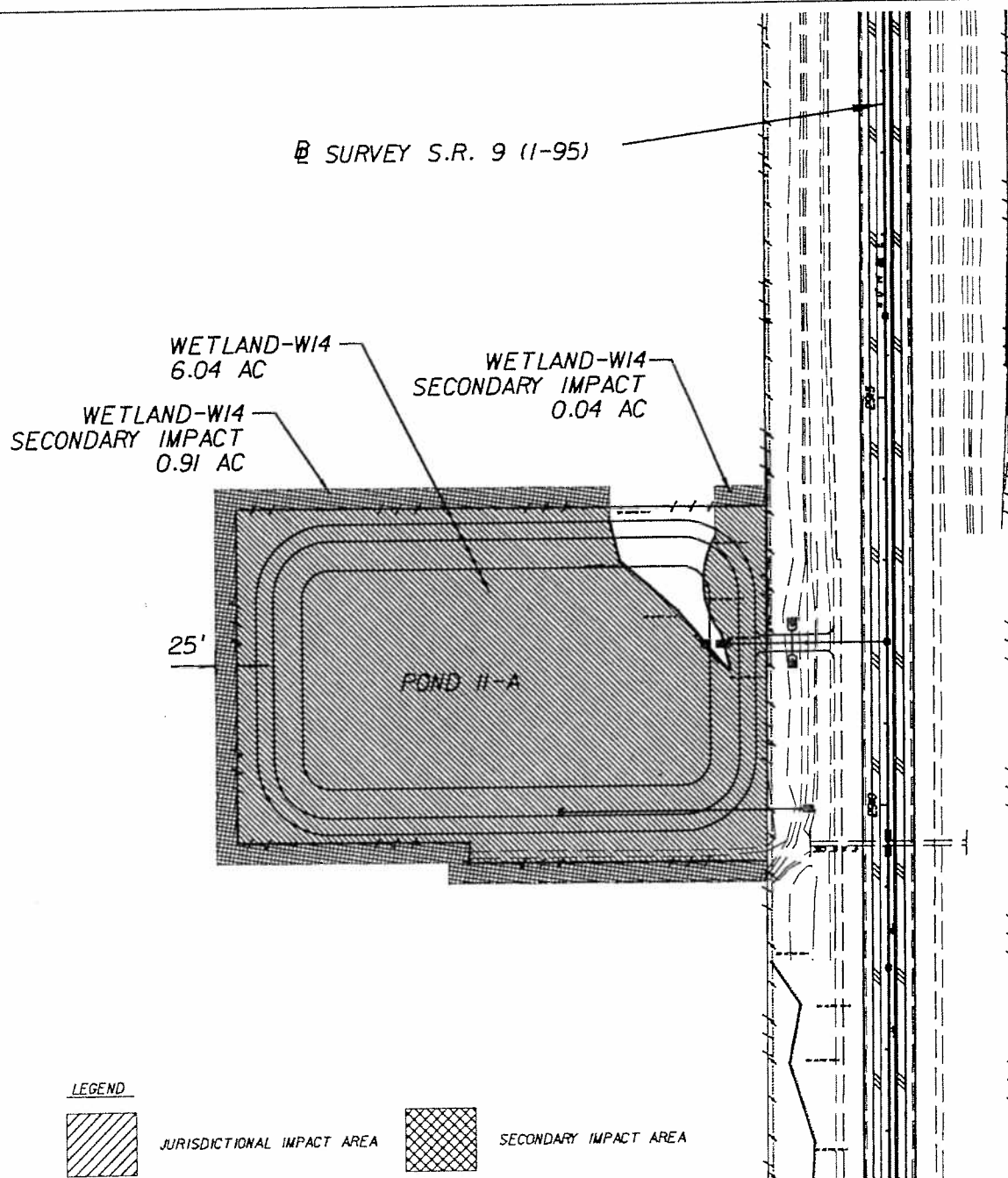
METRIC ENGINEERING, INC.
2269 LEE ROAD, SUITE 200
WINTER PARK, FLORIDA 32789
TEL. (407) 644-1868
FAX. (407) 644-1921
FLORIDA CERT. NO. EB-0002284

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
DREDGE/FILL DETAILS
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Signed: Chandra Roman, P.E.

DATE _____

REG. FLA. ENG. NO. 58740



PROJECT: S.R. 9
 (INTERSTATE-95)
 F.P.N. 4055062

SECTION 5, 8, 9, 16, 22, 21, 27, 28, 33, AND 34, TOWNSHIP 23 S, RANGE 35 E
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COUNTY OF BREVARD
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PLAN SHEET
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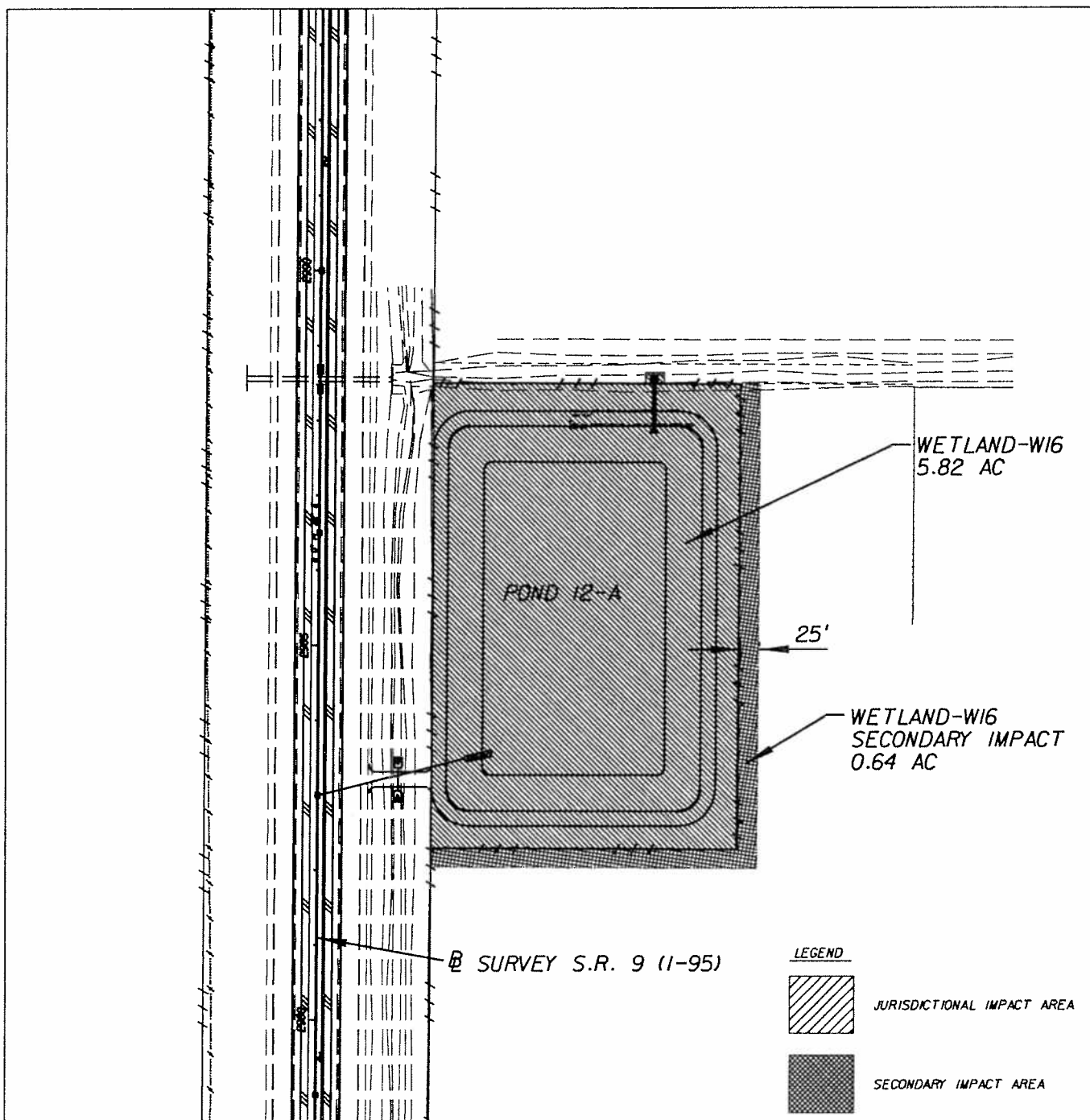
METRIC ENGINEERING, INC.
 2269 LEE ROAD, SUITE 200
 WINTER PARK, FLORIDA 32789
 TEL. (407) 644-1888
 FAX. (407) 644-1921
 FLORIDA CERT. NO. EB-0002294

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION
 DREDGE/FILL DETAILS
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PROJECT: S.R. 9
(INTERSTATE-95)
F.P.N. 4055062

SECTION 5, 8, 9, 16, 22, 21, 27, 28, 33, AND 34, TOWNSHIP 23 S, RANGE 35 E
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COUNTY OF BREVARD
STATE OF FLORIDA

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DATUM: NAVD '88

PLAN SHEET
SHEET 16 OF 19

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2266 LEE ROAD, SUITE 200
WINTER PARK, FLORIDA 32789
TEL (407) 644-1898
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FLORIDA CERT. NO. EB-0002294

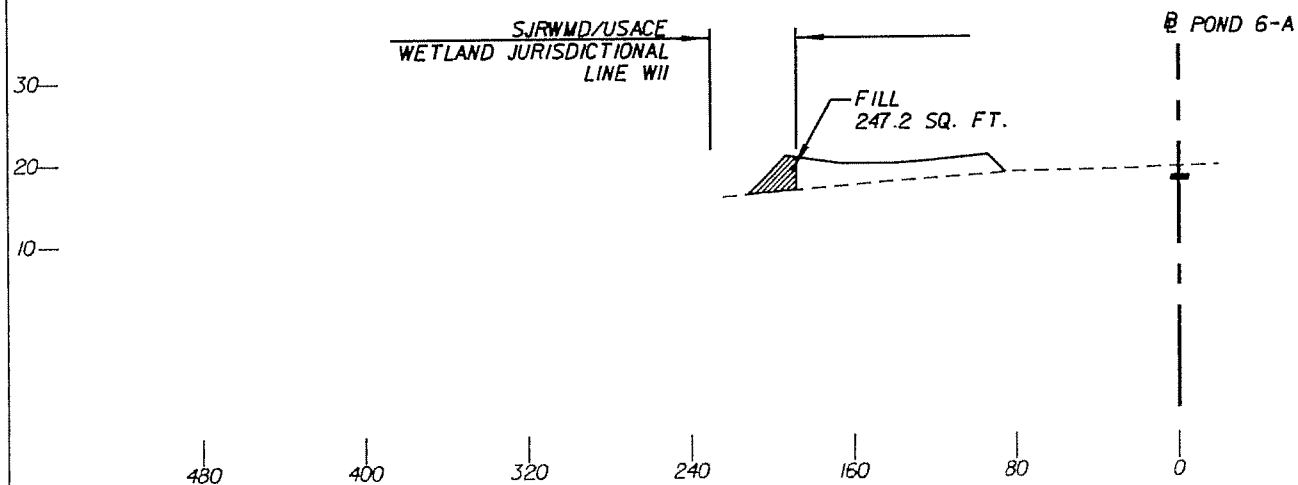
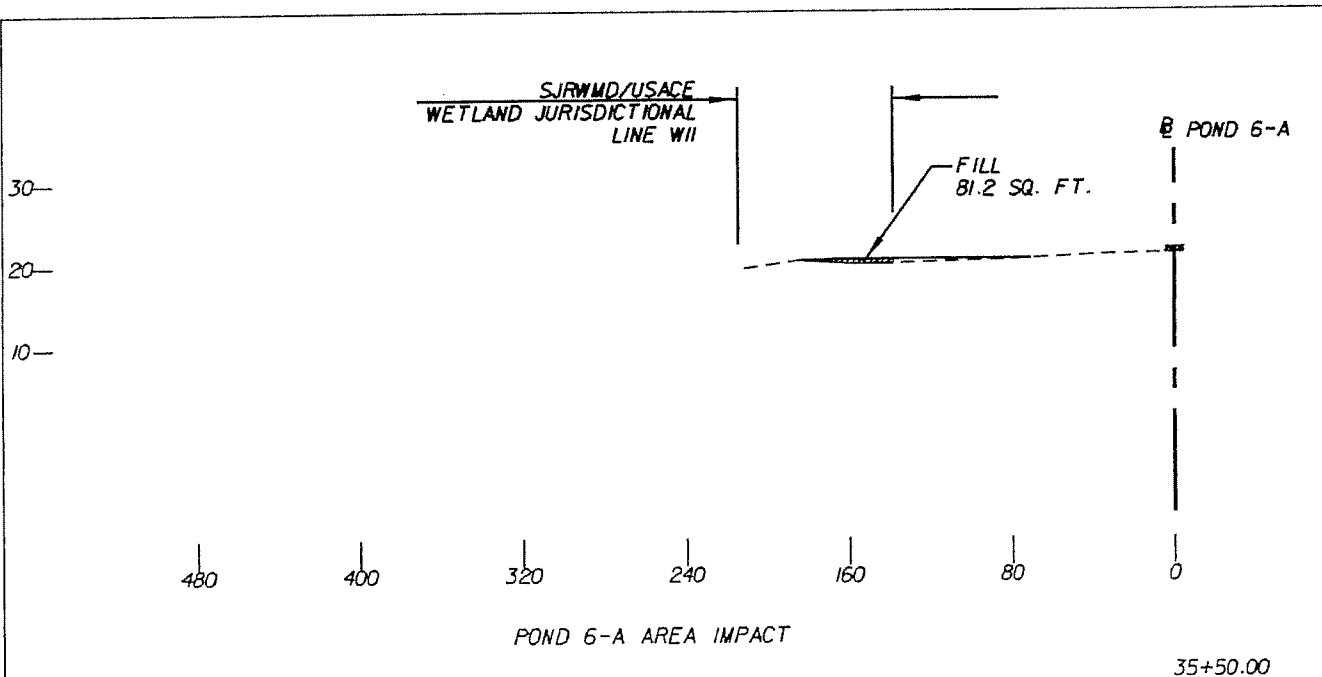
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

**DREDGE/FILL DETAILS
WETLAND IMPACTS**

Signed: Chandra Raman, P.E.

DATE _____

REG. FLA. ENG. NO. 58740



LEGEND



SHEET 17 OF 18

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JACKSONVILLE DISTRICT
USACE

SCALE: 1" = 40' HORZ.
1" = 10' VERT.



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METRIC ENGINEERING, INC.
2255 LEE ROAD, SUITE 200
WINTER PARK, FLORIDA 32789
TEL (407) 644-1898
FAX (407) 644-1921
FLORIDA CERT. NO. EB-0002294

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
DREDGE/FILL DETAIL
WETLAND IMPACTS

Signed: Chandra Raman, P.E.

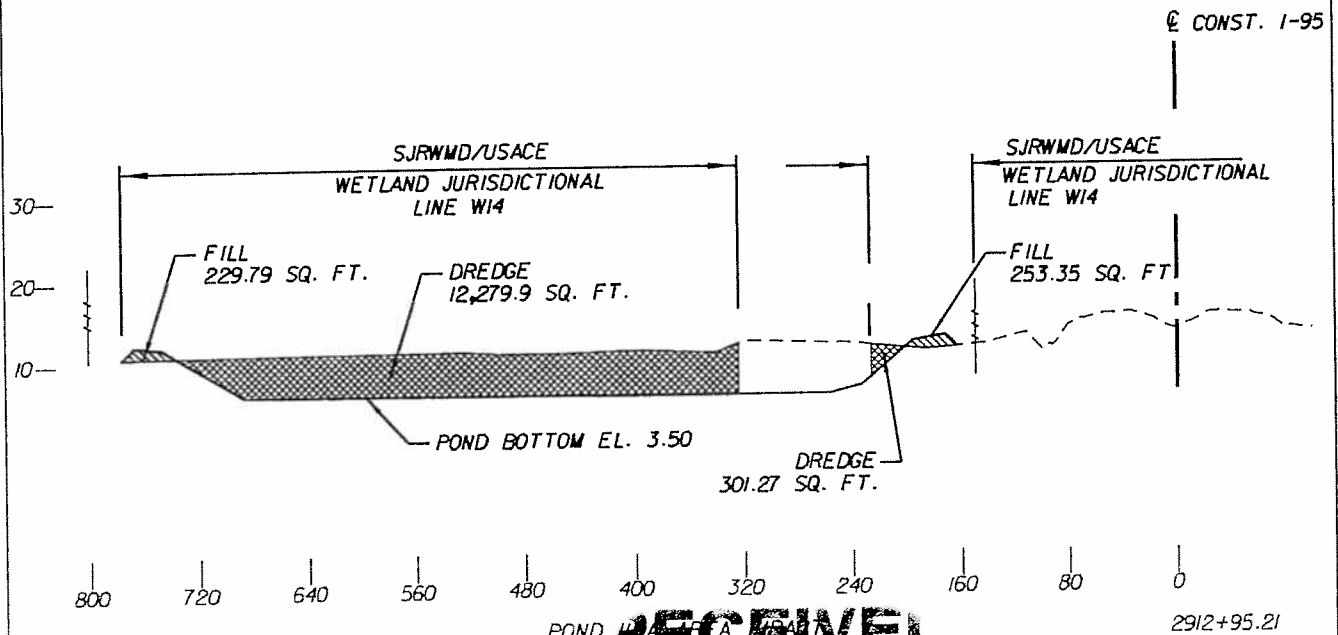
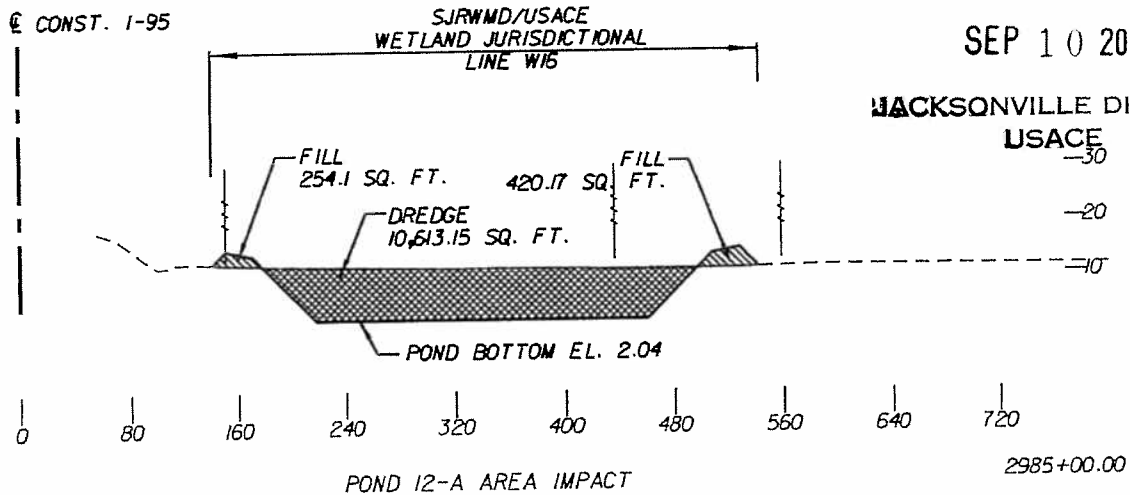
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REG. FLA. ENG. NO. 58740

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SEP 10 2008

JACKSONVILLE DISTRICT
USACE



LEGEND



SHEET 18 OF 18

DEC 01 2007

JACKSONVILLE DISTRICT
USACE

SCALE: 1" = 40' HORZ.
1" = 10' VERT.



ENGINEERS
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SURVEYORS

METRIC ENGINEERING, INC.
2288 LEE ROAD, SUITE 200
WINTER PARK, FLORIDA 32789
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FAX (407) 844-1921
FLORIDA CERT. NO. EB-0002294

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
DREDGE/FILL DETAIL
WETLAND IMPACTS

Signed: Chandra Roman, P.E.

DATE

REG. FLA. ENG. NO. 58740

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
Post Office Box 1429
Palatka, Florida 32178-1429

PERMIT NO. 4-009-112019-1

DATE ISSUED: June 10, 2008

PROJECT NAME: SR 9/I-95 (SR 528 to SR 50), FPID 405506-2

A PERMIT AUTHORIZING:

Construction of a Surface Water Management System with stormwater treatment by dry retention and wet detention for the widening of I-95 from four lanes to six lanes from south of SR 528 to 1.4 miles north of SR 50 (FPID 405506-2), a 164.66-acre project. This permit also authorizes work in, on, or over 14.70 acres of wetlands or other surface waters.

LOCATION:

Section(s):	20	Township(s):	22S	Range(s):	35E
	22, 27, 28, 33,		23S		35E
	34				

Brevard County

ISSUED TO:

FDOT - District 5
719 S Woodland Blvd
Deland, FL 32720

Permittee agrees to hold and save the St. Johns River Water Management District and its successors harmless from any and all damages, claims, or liabilities which may arise from permit issuance. Said application, including all plans and specifications attached thereto, is by reference made a part hereof.

This permit does not convey to permittee any property rights nor any rights of privileges other than those specified herein, nor relieve the permittee from complying with any law, regulation or requirement affecting the rights of other bodies or agencies. All structures and works installed by permittee hereunder shall remain the property of the permittee.

This permit may be revoked, modified or transferred at any time pursuant to the appropriate provisions of Chapter 373, Florida Statutes:

PERMIT IS CONDITIONED UPON:


See conditions on attached "Exhibit A", dated June 10, 2008

AUTHORIZED BY: St. Johns River Water Management District


Department of Water Resources

Governing Board

By:


Jeff Elledge
(Director)

By:


Kirby B. Green III
(Assistant Secretary)

U.S. Army Corps of Engineers

Permit # 5AS-0007-7791

Date: 8/5/08

Attachment: 2



"EXHIBIT A"
CONDITIONS FOR ISSUANCE OF PERMIT NUMBER 4-009-112019-1
FDOT - DISTRICT 5
DATED JUNE 10, 2008

1. All activities shall be implemented as set forth in the plans, specifications and performance criteria as approved by this permit. Any deviation from the permitted activity and the conditions for undertaking that activity shall constitute a violation of this permit.
2. This permit or a copy thereof, complete with all conditions, attachments, exhibits, and modifications, shall be kept at the work site of the permitted activity. The complete permit shall be available for review at the work site upon request by District staff. The permittee shall require the contractor to review the complete permit prior to commencement of the activity authorized by this permit.
3. Activities approved by this permit shall be conducted in a manner which do not cause violations of state water quality standards.
4. Prior to and during construction, the permittee shall implement and maintain all erosion and sediment control measures (best management practices) required to retain sediment on-site and to prevent violations of state water quality standards. All practices must be in accordance with the guidelines and specifications in chapter 6 of the Florida Land Development Manual: A Guide to Sound Land and Water Management (Florida Department of Environmental Regulation 1988), which are incorporated by reference, unless a project specific erosion and sediment control plan is approved as part of the permit, in which case the practices must be in accordance with the plan. If site specific conditions require additional measures during any phase of construction or operation to prevent erosion or control sediment, beyond those specified in the erosion and sediment control plan, the permittee shall implement additional best management practices as necessary, in accordance with the specifications in chapter 6 of the Florida Land Development Manual: A Guide to Sound Land and Water Management (Florida Department of Environmental Regulation 1988). The permittee shall correct any erosion or shoaling that causes adverse impacts to the water resources.
5. Stabilization measures shall be initiated for erosion and sediment control on disturbed areas as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than 7 days after the construction activity in that portion of the site has temporarily or permanently ceased.
6. At least 48 hours prior to commencement of activity authorized by this permit, the permittee shall submit to the District a Construction Commencement Notice Form No. 40C-4.900(3) indicating the actual start date and the expected completion date.
7. When the duration of construction will exceed one year, the permittee shall submit construction status reports to the District on an annual basis utilizing an Annual Status Report Form No. 40C-4.900(4). These forms shall be submitted during June of each year.
8. For those systems which will be operated or maintained by an entity which will require an easement or deed restriction in order to provide that entity with the authority necessary to operate or maintain the system, such easement or deed restriction, together with any other final operation or maintenance documents as are required by subsections 7.1.1 through 7.1.4 of the Applicant's Handbook: Management and Storage of Surface Waters, must be submitted to the District for approval. Documents meeting the requirements set forth in these subsections of the Applicant's Handbook will be approved. Deed restrictions, easements and other operation and maintenance documents which require recordation either with the Secretary of State or the Clerk of the Circuit Court must be so recorded prior

to lot or unit sales within the project served by the system, or upon completion of construction of the system, whichever occurs first. For those systems which are proposed to be maintained by county or municipal entities, final operation and maintenance documents must be received by the District when maintenance and operation of the system is accepted by the local governmental entity. Failure to submit the appropriate final documents referenced in this paragraph will result in the permittee remaining liable for carrying out maintenance and operation of the permitted system.

9. Each phase or independent portion of the permitted system must be completed in accordance with the permitted plans and permit conditions prior to the initiation of the permitted use of site infrastructure located within the area served by the portion or phase of the system. Each phase or independent portion of the system must be completed in accordance with the permitted plans and permit conditions prior to transfer of responsibility for operation and maintenance of that phase or portion of the system to local government or other responsible entity.

10. Within 30 days after completion of construction of the permitted system, or independent portion of the system, the permittee shall submit a written statement of completion and certification by a registered professional engineer or other appropriate individual as authorized by law, utilizing As-Built Certification Form 40C-1.181(13) or 40C-1.181(14), supplied with this permit. When the completed system differs substantially from the permitted plans, any substantial deviations shall be noted and explained and two copies of as-built drawings submitted to the District. Submittal of the completed form shall serve to notify the District that the system is ready for inspection. The statement of completion and certification shall be based on on-site observation of construction (conducted by the registered professional engineer, or other appropriate individual as authorized by law, or under his or her direct supervision) or review of as-built drawings for the purpose of determining if the work was completed in compliance with approved plans and specifications. As-built drawings shall be the permitted drawings revised to reflect any changes made during construction. Both the original and any revised specifications must be clearly shown. The plans must be clearly labeled as "as-built" or "record" drawing. A surveyed dimensions and elevations shall be certified by a registered surveyor. The following information, at a minimum, shall be verified on the as-built drawings:

1. Dimensions and elevations of all discharge structures including all weirs, slots, gates, pumps, pipes, and oil and grease skimmers.
2. Locations, dimensions, and elevations of all filter, exfiltration, or underdrain systems including cleanouts, pipes, connections to control structures, and points of discharge to the receiving waters.
3. Dimensions, elevations, contours, or cross-sections of all treatment storage areas sufficient to determine state-storage relationships of the storage area and the permanent pool depth and volume below the control elevation for normally wet systems, when appropriate.
4. Dimensions, elevations, contours, final grades, or cross-sections of the system to determine flow directions and conveyance of runoff to the treatment system.
5. Dimensions, elevations, contours, final grades, or cross-sections of all conveyance systems utilized to convey off-site runoff around the system.
6. Existing water elevation(s) and the date determined, and Elevation and location of benchmark(s) for the survey.

11. The operation phase of this permit shall not become effective until the permittee has complied with the requirements of general condition 9 above, the District determines the system to be in compliance with the permitted plans, and the entity approved by the District in accordance with subsections 7.1.1 through 7.1.4 of the Applicant's Handbook: Management and Storage of Surface Waters, accepts responsibility for operation and maintenance of the system. The permit may not be transferred to such an approved operation and maintenance entity until the operation phase of the permit becomes effective. Following inspection and approval of the permitted system by the District, the permittee shall request transfer of the permit to the responsible approved operation and maintenance entity, if different from the permittee. Until the permit is transferred pursuant to section 7.1 of the Applicant's Handbook: Management and Storage of Surface Waters, the permittee shall be liable for compliance with the terms of the permit.
12. Should any other regulatory agency require changes to the permitted system, the permittee shall provide written notification to the District of the changes prior implementation so that a determination can be made whether a permit modification is required.
13. This permit does not eliminate the necessity to obtain any required federal, state, local and special district authorizations prior to the start of any activity approved by this permit. This permit does not convey to the permittee or create in the permittee any property right, or any interest in real property, nor does it authorize any entrance upon or activities on property which is not owned or controlled by the permittee, or convey any rights or privileges other than those specified in the permit and chapter 40C-4 or chapter 40C-40, F.A.C.
14. The permittee shall hold and save the District harmless from any and all damages, claims, or liabilities which may arise by reason of the activities authorized by the permit or any use of the permitted system.
15. Any delineation of the extent of a wetland or other surface water submitted as part of the permit application, including plans or other supporting documentation, shall not be considered specifically approved unless a specific condition of this permit or a formal determination under rule 40C-1.1006, F.A.C., provides otherwise.
16. The permittee shall notify the District in writing within 30 days of any sale, conveyance, or other transfer of ownership or control of the permitted system or the real property at which the permitted system is located. All transfers of ownership or transfers of a permit are subject to the requirements of rule 40C-1.612, F.A.C. The permittee transferring the permit shall remain liable for any corrective actions that may be required as a result of any permit violations prior to such sale, conveyance or other transfer.
17. Upon reasonable notice to the permittee, District authorized staff with proper identification shall have permission to enter, inspect, sample and test the system to insure conformity with the plans and specifications approved by the permit.
18. If historical or archaeological artifacts are discovered at any time on the project site, the permittee shall immediately notify the District.
19. The permittee shall immediately notify the District in writing of any previously submitted information that is later discovered to be inaccurate.
20. This permit for construction will expire five years from the date of issuance.
21. At a minimum, all retention and detention storage areas must be excavated to rough grade prior to building construction or placement of impervious surface within the area to be served by those facilities. To prevent reduction in storage volume and percolation rates, all accumulated sediment must be removed from the storage area prior to final grading and stabilization.

22. All wetland areas or water bodies that are outside the specific limits of construction authorized by this permit must be protected from erosion, siltation, scouring or excess turbidity, and dewatering.
23. Prior to construction, the permittee must clearly designate the limits of construction on-site. The permittee must advise the contractor that any work outside the limits of construction, including clearing, may be a violation of this permit.
24. The surface water management system shall be constructed and operated in accordance with the plans and calculations received by the District on January 10, 2008, as amended by the plans received by the District on May 21, 2008.
25. The operation and maintenance entity shall inspect the stormwater or surface water management system once within two years after the completion of construction and every two years thereafter to determine if the system is functioning as designed and permitted. The operation and maintenance entity must maintain a record of each required inspection, including the date of the inspection, the name, address, and telephone number of the inspector, and whether the system was functioning as designed and permitted, and make such record available for inspection upon request by the District during normal business hours.

If at any time the system is not functioning as designed and permitted, then within 14 days the entity shall submit an Exceptions Report to the District, on form number 40C-42.900(6), Exceptions Report for Stormwater Management Systems Out of Compliance.

26. Prior to initiation of construction, the permittee shall submit a detailed erosion and sediment control plan to the District for written approval. The plan shall detail all erosion and sediment control measures to be implemented both during and after construction. At a minimum, the plan shall include:
- a. Identification of any areas where any dewatering will be performed during construction;
 - b. Details of specific erosion and sediment control measures to be implemented to control the discharge of turbid water due to any dewatering activities;
 - c. Construction sequencing and details of all erosion and sediment control measures to be implemented during each sequence.

Construction shall not commence until the permittee receives written approval of the plan from the District.

27. Mitigation to offset the impacts to 16.12 acres of wetlands and other surface waters authorized by this permit will be provided through Section 373.4137.F.S.

AS-BUILT CERTIFICATION BY PROFESSIONAL ENGINEER

Submit this form and one set of as-built engineered drawings to the U.S. Army Corps of Engineers, Enforcement Branch, Post Office Box 4970, Jacksonville, Florida 32232-0019. If you have questions regarding this requirement, please contact the Enforcement Branch at 904-232-2907.

1. Department of the Army Permit Number: _____

2. Permittee Information:

Name _____

Address _____

3. Project Site Identification:

Physical location/address _____

4. As-Built Certification:

I hereby certify that the authorized work has been accomplished in accordance with the Department of the Army permit with any deviations noted below. This determination is based upon on-site observation, scheduled and conducted by me or by a project representative under my direct supervision. I have enclosed one set of as-built engineering drawings.

Signature of Engineer

Name (Please type)

Florida Reg. Number

Company Name

Address

(Affix Seal)

City

State

ZIP

Date

Telephone Number

Deviations from the approved plans and specifications: (attach additional pages if necessary)

U.S. Army Corps of Engineers

Permit # 595-007-3771

Date: 8/5/08

Attachment: 3

